



State of Utah  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

1594 West North Temple, Suite 1210  
PO Box 145801  
Salt Lake City, Utah 84114-5801  
(801) 538-5340 telephone  
(801) 359-3940 fax  
(801) 538-7223 TTY  
www.nr.utah.gov

Michael O. Leavitt  
Governor

Robert L. Morgan  
Executive Director

Lowell P. Braxton  
Division Director

M/037/027  
Wilson/Silverbell

September 5, 2002

Mr. Tony Bates  
UMETCO Minerals Corporation  
2754 Compass Drive, Suite 280  
Grand Junction, Colorado 81506

Re: Soil Borrow Areas and Seed Mix; UMETCO Minerals Corporation; Wilson/Silverbell, Calliham, and Deremo/Peterson Mines; M/037/027, M/037/023, and M/037/025; San Juan County, Utah

Dear Mr. Bates:

On August 12, 2002, I received a telephone call and FAX transmission from you concerning a soil borrow area at the Calliham Mine. The soil from this area would be used at the Deremo/Peterson and Deremo/Snyder Mines (the Deremo/Snyder Mine is in Colorado), and the borrow area would be about one-half acre. In 1998, the Division approved borrowing soil from an area of up to four acres without increasing the bond, but this was never done. Since the area you now propose to disturb is only about one-half acre, it is well within the limits of the previous approval. The Division, therefore, approves this activity.

You also requested a recommendation for a seed mixture. I am attaching a seed mix that the Division recommends for reclamation of the sites listed above, and, in accordance with your request, the mixture is hereby approved to be used at these sites.

Please don't hesitate to call me at 801-538-5261 or send an e mail to [paulbaker@utah.gov](mailto:paulbaker@utah.gov) if you have any questions about these approvals.

Sincerely,

Paul B. Baker  
Senior Reclamation Biologist

Jb

Attachment: Seed mix recommendation

cc: Ted McDougall, Monticello BLM

O:\M037-San Juan\UMETCO\final\seedborrow090502.doc

| Species              | Pounds PLS/Acre |
|----------------------|-----------------|
| Crested Wheatgrass   | 0.75            |
| Pubescent Wheatgrass | 0.75            |
| Russian Wild Rye     | 0.75            |
| Indian Ricegrass     | 1.5             |
| Western Wheatgrass   | 1.5             |
| Slender Wheatgrass   | 1.5             |
| Alfalfa              | 0.5             |
| Yellow Sweetclover   | 0.5             |
| Palmer Penstemon     | 0.5             |
| Fourwing Saltbush    | 1.5             |
| Rubber Rabbitbrush   | 0.25            |
| Forage Kochia        | 0.5             |
|                      | 10.5            |

Recommended Revegetation Seed Mix for Wilson/Silverbell, Calliham, and Deremo/Peterson Mines  
August 23, 2002